

FILE NOTATIONS

Entered in NID File _____
 Entered On S R Sheet _____
 Location Map Pinned _____
 Card Indexed ✓ _____
 IWR for State or Fee Land _____

Checked by Chief _____
 Copy NID to Field Office _____
 Approval Letter _____
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 12-2-58

Location Inspected _____

OW _____ VW _____ TA _____

Bond released _____

GW _____ OS _____ PA X

State of Fee Land _____

LOGS FILED

Driller's Log 12-5-58

Electric Logs (No. 1 2)

E _____ E-1 ✓ OR _____ GR-N ✓ Micro _____

Lat _____ Mile _____ Sonic _____ Others _____

Sub Rep of Shd.

X			

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency
Window Rock
Allottee **Navajo**
Lease No. **14-20-603-370**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

3 November, 19 **58**

Navajo
Well No. **E #14-14** is located **660** ft. from **{N}** line and **530** ft. from **{E}** line of sec. **14**
SW SW Sec 14 **410** **24E** **SLM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
White Mesa **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of ~~the surface~~ above sea level is **4640** ft. **Graded ground**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Propose to drill well to test Paradox Limestone at approximately 5550'.

Will set approximately 1300' of 10-3/4" surface casing w/sufficient cement to circulate to surface.

Will set 7", 20 & 23" casing thru, or on top of, any commercial production encountered.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

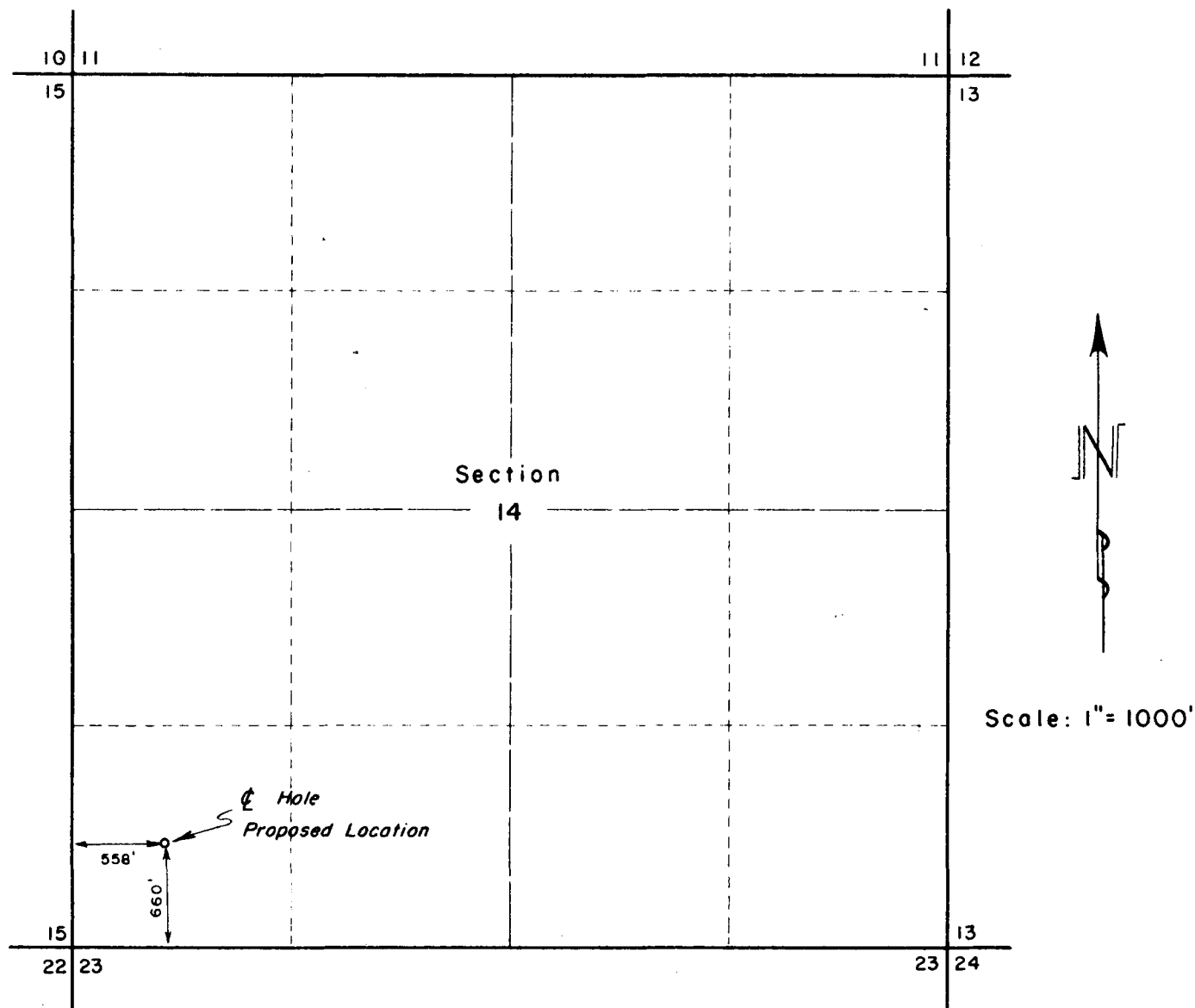
Company **The Superior Oil Company**

Address **P. O. Box 276**

Cortez, Colorado

By **George E. Nugent**
George E. Nugent
Title **Petroleum Engineer**

CERTIFICATE OF SURVEY



WELL LOCATION: Superior Oil Co. — Navajo "E" No. 14-14

Located 660 feet North of the South line and 558 feet East of the West line of Section 14.
 Township 41 South Range 24 East Salt Lake Meridian
 San Juan County, Utah
 Existing ground elevation determined at 4647 feet.

4640' GRADED GROUND

I hereby certify the above plat represents a survey made under my supervision and is accurate to the best of my knowledge and belief.

Elmer M. Clark

ELMER M. CLARK
 Registered Land Surveyor
 State of Colo. (No. 2279)



PLANET ENGINEERS, INC.
 Durango, Colorado
 May 20, 1958

November 4, 1958

Superior Oil Company
P. O. Box 276
Cortez, Colorado

Attention: George E. Nugent, Petroleum Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. E 14-14, which is to be located 660 feet from the south line and 558 feet from the west line of Section 14, Township 41 South, Range 24 East, S1E4, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
SECRETARY

CBF:cc

cc: Phil McGrath
USGS, Farmington,
New Mexico

X		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Window Rock
Allottee **Navajo**
Lease No. **14-20-603-370**

71-H
12-31

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

1 December, 1958

Well No. **E #14-14** is located **660** ft. from **N** line and **558** ft. from **W** line of sec. **14**
SW SW Sec 14 **41S** **24E** **SLBM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
White Mesa **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4651** ft. **K.B.**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SPUDDED: 6 November 1958

Reached T.D. 30 November 1958

T.D. 5677'

Casing: 10-3/4" surface pipe set @ 1313'.

Propose to set following plugs:

- (1.) 125 sacks with pipe hanging to 5675'. Calculated fill up to 5365'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Superior Oil Company**

Address **P. O. Box 276**

Cortez, Colorado

By **G. Bannantine**
G. Bannantine
Title **Petroleum Engineer**

W

- (2.) 100 sacks with pipe hanging to 2705'. Calculated fill up to 2455'.
- (3.) 50 sacks with pipe hanging to 1310'. Calculated fill up to 1215'.
- (4.) 10 sacks in top of surface casing.

Will cut off 10-3/4" casing 4' below ground level, cap same, and erect standard dry hole marker.

X			

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency
Window Rock
Allottee **Navajo**
Lease No. **14-20-603-370**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

2 December, 19**58**

Navajo
Well No. **E #14-14** is located **660** ft. from **SW** line and **556** ft. from **EX** line of sec. **14**
SW SW Sec. 14 **41S** **24E** **SLRM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
White Mesa **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation ~~XXXXXX~~ above sea level is **4651** ft. **K.B.**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded: **6 November 1958**

Abandoned: **2 December 1958**

T.D.: **5677'**

Casing: **10-3/4" surface pipe set @ 1313'. Cement circulated to surface.**

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Superior Oil Company**

Address **P. O. Box 276**

Cortez, Colorado

By **G. Bannantine**
G. Bannantine
Title **Petroleum Engineer**

Log Tops:

De Chelly	2535'	Paradox Shale	5482'	(-831)
Organ Rock	2705'	Lower Boundary Butte	5498'	(-847)
Hermosa	4424'	Chimney Rock Shale	5637'	(-986)
Upper Boundary Butte	5321'	T.D.	5677'	(-1026)

D.S.T. #1: (5502 - 5677')

Ran tester on 4½" dry drill pipe. 5/8" b.h.c. Set packers @ 5496' and 5502' with perforated anchor to 5677'. Very weak blow of air initially to dead in 90 minutes and remaining so for balance of two hour test. Shut in for 1 hour. Pulled and recovered 40' of drilling mud.

Plug #1:

Equalized 125 sacks with pipe hanging @ 5650'.

Plug #2:

Equalized 100 sacks with pipe hanging @ 2696'.

Plug #3:

Equalized 50 sacks with pipe hanging @ 1317'. Checked top of plug #3 @ 1250'.

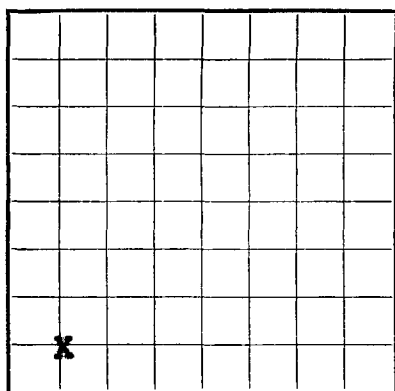
Plug #4:

Dumped 10 sacks into top of 10-3/4" surface pipe.

Cut off 10-3/4" surface pipe 4' below ground level,
Welded steel cap on same and erected standard dry hole marker.

U. S. LAND OFFICE **Santa Fe**
 SERIAL NUMBER **14-20-603-370**
 LEASE OR PERMIT TO PROSPECT **Navajo**

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **The Superior Oil Company** Address **P.O. Box 276, Cortez, Colorado**
 Lessor or Tract **Navajo E** Field **White Mesa** State **Utah**
 Well No. **14-14** Sec. **14** T. **41S** R. **24E** Meridian **SLRM** County **San Juan**
 Location **660** ft. **N.** of **S** Line and **558** ft. **E.** of **W** Line of **Sec. 14** Elevation **4651 K.B.**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date **2 December 1958** Signed *G. Bannantine*
G. Bannantine Title **Petroleum Engineer**

The summary on this page is for the condition of the well at above date.

Commenced drilling **6 November**, 19**58** Finished drilling **30 November**, 19**58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **None** to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	432.75	8 rd		1313'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	1313'	700	Circulated to surface.		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

FOLD | MARK

FOLD MARK

10-3/4" 1313' 700 Circulated to surface.

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from **Surface** feet to **5677'** feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ **Abandoned** ~~Production~~ **2 December**, 19 **58**

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

R. W. Rine Drilling Co., Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	Log Tops:		
		2535	De Chelly
		2705	Organ Rock
		4424	Hermosa
		5321	Upper Boundary Butte
		5482 (-831)	Paradox Shale
		5498 (-847)	Lower Boundary Butte
		5637 (-986)	Chimney Rock Shale
		5677 -1026	T.D.